

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	593	(128/899).CCLS.	USPAT; USOCR	OR	OFF	2010/06/08 13:46
L2	589	(604/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 13:52
L3	1270	(600/424).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 13:53
L4	95	1 or 2 or 3) (implant \$4 with (valve or flow or port or reservoir)) ((location or position) same orientation)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/08 14:02
L5	32	1 or 2 or 3) (implant \$4 with (valve or flow or port or reservoir)) ((location or position) same orientation same (magnet\$2 or magnetic\$4))	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/08 14:03
S1	46	((william near2 bertrand) (lori near2 speckman)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2009/12/08 11:31
S2	13	US-1152200-\$ DID. OR US-312003D-\$. DID. OR US- 5637083-\$ DID. OR US-5879297-\$ DID. OR US-6129668-\$. DID. OR US- 6216028-\$ DID. OR US-6263230-\$ DID. OR US- 20020022793-\$. DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/08 11:38

S3	14	US-1023310-\$ DID. OR US-3902252-\$. DID. OR US- 5643194-\$ DID. OR US-20050096579-\$. DID. OR US- 20050022403-\$. DID. OR US- 20020022793-\$. DID. OR US- 1092450-\$ DID. OR EP-2858239-\$ DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/08 11:41
S4	14722	medtronic.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 11:46
S5	3098	medtronic.as. and (locat\$3 same implant\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 11:47
S6	1040	medtronic.as. and (locat\$3 same implant\$4) and magnet\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 11:47
S7	160	medtronic.as. and (locat\$3 same implant\$4 same magnet\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 11:47
S8	3827	(implant\$4 same locat\$3 same (magnet\$2 or electro \$1magnet\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/08 11:53
S9	277	(implant\$4 same locat\$3 same (magnet\$2 or electro \$1magnet\$2)) (flow with (controllable or control\$4) with valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/08 11:54

S10	64	(implant\$4 same locat\$3 same (magnet\$2 or electro \$1magnet\$2)) (flow with (controllable or control\$4) with valve) (magnet\$2 with orient\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/08 11:55
S11	64	(implant\$4 same locat\$3 same (magnet\$2 or electro \$1magnet\$2)) (flow with (controllable or control\$4) with valve) (magnet\$2 with orient\$5) (control\$4 or processor or computer or micro \$1control\$4 or micro \$1processor or micro \$1computer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/08 14:00
S12	44	(implant\$4 same locat\$3 same (magnet\$2 or electro \$1magnet\$2)) (flow with (controllable or control\$4) with valve) (magnet\$2 with orient\$5) (processor or computer or micro \$1control\$4 or micro \$1processor or micro \$1computer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/08 14:01
S13	46	(implant\$4 same locat\$3 same (magnet\$2 or electro \$1magnet\$2)) (flow with (controllable or control\$4) with valve) (magnet\$2 with orient\$5) (controller or processor or computer or micro \$1control\$4 or micro \$1processor or micro \$1computer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/08 14:01

S14	26	(US-20020022793-\$ or US-20020026139-\$ or US-20050096579-\$ or US-20050092335-\$ or US-20080221436-\$ or US-20050022403-\$). did. or (US-5637083-\$ or US-5879297-\$ or US-6129668-\$ or US-6216028-\$ or US-6263230-\$ or US-5643194-\$ or US-6305381-\$ or US-6883241-\$ or US-6951059-\$ or US-5676651-\$). did. or (EP-1177002-\$). did. or (WO-0054826-\$ or US-5637083-\$ or WO-0027281-\$ or WO-9849938-\$ or US-6129668-\$ or EP-688575-\$ or FR-2861599-\$ or FR-2858239-\$ or FR-2861569-\$). did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2009/12/08 14:04
S15	13	S14 (processor or controller or micro \$1processor or micro \$1controller or computer or micro \$1computer)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/12/08 14:07
S16	7	S14 (processor or controller or micro \$1processor or micro \$1controller or computer or micro \$1computer) (flow or valve)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/12/08 14:08
S17	7	S14 (processor or controller or micro \$1processor or micro \$1controller or computer or micro \$1computer) (flow or valve) (background or ambient)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/12/08 14:16

S18	4	S14 (processor or controller or micro \$1processor or micro \$1controller or computer or micro \$1computer) (flow or valve) ((background or ambient) with magnet\$2)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/12/08 14:16
S19	21	(implant\$4 same locat\$3 same (magnet\$2 or electro \$1magnet\$2)) (flow with (controllable or control\$4) with valve) (magnet\$2 with orient\$5) (controller or processor or computer or micro \$1control\$4 or micro \$1processor or micro \$1computer) ((background or ambient or noise) with magnet\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	AND	ON	2009/12/08 14:17
S20	581	(128/899).CCLS.	USPAT; USOCR	OR	OFF	2009/12/08 14:47
S21	155	S20 (magnet\$2 with locat\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/08 15:59
S22	45	S20 (magnet\$2 with locat\$3) (valve or shunt or (flow with control\$4))	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/08 15:59
S23	28	S20 (magnet\$2 with locat\$3) (valve or shunt or (flow with control\$4)) (processor or controller or micro \$1processor or micro \$1controller or computer)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/08 16:00
S24	581	(128/899).CCLS.	USPAT; USOCR	OR	OFF	2009/12/09 15:10
S25	155	S24 (magnet\$2 with locat\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/09 15:10

S26	45	S24 (magnet\$2 with locat\$3) (valve or shunt or (flow with control\$4))	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/09 15:10
S27	1	(S25 or S26) ((subtract\$3 or difference or eliminat \$3 or remov\$4) with (ambient or environment\$2 or background) with magnet\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/09 15:10
S28	29	(implant\$4 same (electro\$1magnet\$2 or magnet\$2) same (locat\$3 or guid\$4 or navigat\$3)) ((subtract\$3 or difference or eliminat \$3 or remov\$4) with (ambient or environment\$2 or background) with magnet\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/09 15:11
S29	30	(implant\$4 same (electro\$1magnet\$2 or magnet\$2) same (locat\$3 or guid\$4 or navigat\$3)) ((subtract\$3 or difference or eliminat \$3 or remov\$4) with (ambient or environment\$2 or background) with magnet\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/09 15:12
S30	36	(implant\$4 same (electro\$1magnet\$2 or magnet\$2) same (locat\$3 or guid\$4 or navigat\$3)) ((subtract\$3 or difference or eliminat \$3 or remov\$4) with (ambient or environment\$2 or noise or background) with magnet\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/09 15:17

S31	24576	((subtract\$3 or difference or eliminat\$3 or remov\$4) with (ambient or environment\$2 or noise or background) with magnet\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	AND	ON	2009/12/09 15:20
S32	21738	((electro\$1magnet\$2 or magnet\$2) with sensor or detect\$3 or locat\$3) ((subtract\$3 or difference or eliminat\$3 or remov\$4) with (ambient or environment\$2 or noise or background) with magnet\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	AND	ON	2009/12/09 15:21
S33	324	((electro\$1magnet\$2 or magnet\$2) with sensor or detect\$3 or locat\$3) (subtract\$3 with (ambient or environment\$2 or noise or background) with magnet\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	AND	ON	2009/12/09 15:21
S34	566	(604/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 10:36
S35	1136	(600/424).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 11:05
S36	972	S35 (electro\$1magnet\$2 or magnet\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:06
S37	1141	(S34 or S35) (electro\$1magnet\$2 or magnet\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:19
S38	764	(S34 or S35) ((electro\$1magnet\$2 or magnet\$2) same (locat\$3 or orientat\$3))	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:19

S39	708	(S34 or S35) ((electro\$1magnet \$2 or magnet\$2) same (locat\$3 or orientat\$3)) (process \$3 or micro \$1processor or micro \$1controller or computer or controller)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:19
S40	573	(S34 or S35) ((electro\$1magnet \$2 or magnet\$2) with (locat\$3 or orientat\$3)) (process \$3 or micro \$1processor or micro \$1controller or computer or controller)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:20
S41	274	(S34 or S35) ((electro\$1magnet \$2 or magnet\$2) with (locat\$3 or orientat\$3)) same (process\$3 or micro \$1processor or micro \$1controller or computer or controller)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:20
S42	96	(S34 or S35) (((electro\$1magnet \$2 or magnet\$2) with (locat\$3 or orientat\$3)) same (process\$3 or micro \$1processor or micro \$1controller or computer or controller)) ((electro \$1magnet\$2 or magnet\$2) with (compensat\$3 or correct\$3 or error))	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:21

S43	17	(S34 or S35) (((electro\$1magnet\$2 or magnet\$2) with (locat\$3 or orientat\$3)) same (process\$3 or micro\$1processor or micro\$1controller or computer or controller)) (((electro\$1magnet\$2 or magnet\$2) with (compensat\$3 or correct\$3 or error)) same subtract\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:21
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**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	6	(implant\$4 valve magnet\$2 locat\$3 orientat\$3 (process\$3 or micro\$1processor or micro\$1controller or computer or controller)).clm.	US-PGPUB; USPAT	AND	ON	2010/06/08 14:05
L7	1	(implant\$4 valve magnet\$2 locat\$3 orientat\$3 (process\$3 or micro\$1processor or micro\$1controller or computer or controller) target background).clm.	US-PGPUB; USPAT	AND	ON	2010/06/08 14:05
S44	302	(valve magnet\$2 locat\$3 orientat\$3).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/10 10:15
S45	26	(implant\$4 valve magnet\$2 locat\$3 orientat\$3).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/10 10:16

S46	6	(implant\$4 valve magnet\$2 locat\$3 orientat\$3 (process \$3 or micro \$1processor or computer or micro \$1controller or controller)).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/10 10:16
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